

REMARKS

Claims 1-42 are pending. By this Amendment, claims 1-42 are amended, and new claims 43 and 44 are added.

A Supplemental Information Disclosure Statement is submitted herewith. The Supplemental Information Disclosure Statement includes an article by Cooley and Tukey that is cited at page 1, line 23, of the specification as filed. Applicants respectfully request that the Examiner consider the reference and initial the form as evidence of such consideration during pendency of this application.

Claims 1-42 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

The claims have been rewritten in accordance with U.S. practice. For example, claim 1 has been amended to claim a method of calculating a fast Fourier transform or an inverse fast Fourier transform of a digital signal, the method comprising the steps of transforming input samples into output samples in a first transformation step; transforming input samples into output samples in at least one successive transformation step to the first transformation step; and storing the input samples and output samples of each transformation step in a storage memory; in cooperation with the other claimed elements. Claims 2-42 have also been amended.

Throughout the claims, the technical terms “butterfly” and “butterflies” have been amended for clarification to read “butterfly circuit” and “butterfly circuits,” respectively. As stated in the specification at page 2, lines 22-29, “butterfly circuits” are generally known as “butterflies,” and both terms are recognized by those skilled in the art.

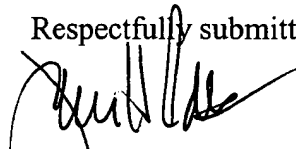
New claims 43 and 44 are added. New claim 43 is similar to claim 3 but depends from claim 2. New claim 44 depends from new claim 43 and is similar to claim 4. Claim 29 has been amended in accordance with U.S. practice to depend from new claim 44. No new matter has been added.

At least for the reasons set forth above, claims 1-44 are allowable.

In view of the foregoing, it is submitted that this application is in condition for allowance. Favorable consideration and prompt allowance of the application are respectfully requested.

The Examiner is invited to telephone the undersigned if the Examiner believes it would be useful to advance prosecution.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'James H. Patterson', is written over a circular stamp or seal.

James H. Patterson
Registration No. 30,673

Customer No. 24113
Patterson, Thunte, Skaar & Christensen, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402-2100
Telephone: (612) 349-5741